GOVERNMENT OF INDIA
HUMAN RESOURCE DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:2348
ANSWERED ON:24.11.2010
LAUNCH OF EDUSAT SCHEME
Kataria Shri Lal Chand

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether the Government proposes to launch 'EDUSAT Scheme', viewed as a new revolution for education method across the country;

(b) if so, the details thereof;

(c) the names of the States in which this scheme is being launched;

(d) the manner in which rural areas are likely to be connected through this scheme;

(e) whether the course of this scheme is likely to be based on audio-visual method; and

(f) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT(SMT. D. PURANDESWARI)

(a) to (c) EDUSAT, a project of Indian Space Research Organisation (ISRO), is already in operation since 2005 wherein an Internet Protocol (IP) based network is provided to all States, Union Territories and major national educational institutions. EDUSAT provides both Ku-band and C- band transponders to cover the entire country with two-way audio-video connectivity.

(d) Two types of terminals namely Satellite Interactive Terminals (SITs) and Receive Only Terminals (ROTs) are deployed under EDUSAT programme. The ROTs are used for providing primary and secondary education and the SITs are used for providing higher and professional education. The live classes conducted by expert teachers are transmitted from the studios to these schools and colleges. Using SITs the students can have live interaction with the expert teacher. Most of these terminals are deployed in rural areas.

(e) and (f) EDUSAT network is completely an audio-visual medium using multimedia technology wherein teacher-student connectivity is facilitated in distance mode by creating a Teaching End and Classroom End. The teacher teaches in a studio in audio/ visual format which is transmitted to and received by students at multiple classrooms throughout the country. The interaction between teacher and students takes place through video to video mode, through audio and through online chat mode.